INTERNATIONAL SEARCH REPORT

International application No. PCT/JP 2004/005678

A. CLASSIFICATIONOFSUBJECTMATTER		
Int.Cl' G11B 5/73		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Int.Cl ⁷ G11B 5/73		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category* Citation of document, with indication, where	appropriate, of the relevant passages	Relevant to claim No.
X JP 10-74318 A (KOMAG, INCORPORATED)		1-15
17MAR1998(17.03.98)ALL DOG	CUMENT	
(FAMILY : US 5980997 &US	5103404 &US 5741560	
&SG 52985 A &DE 19723209 A)		
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Further documents are listed in the continuation of Box C. See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
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'O' document referring to an oral disclosure, use, exhibition or other		
"P" document published prior to the international filing date but later "&" document member of the same patent family		n skilled in the art
Date of the actual completion of the international search Date of mailing of the international search report		
18.06.2004	,	. 2004
Name and mailing address of the ISA/JP	Authorized officer	
Japan Patent Office		5D 8721
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